Mapping Between Common Criteria Artifacts to FAA System Engineering Lifecycle Documentation Requirements

CC Artifact	DID	FAA System Engineering Lifecycle Document
Protection Profile	N/A – this is included in the RFP (SIR)	Security Requirements Specification
Security Target - Section 6 - Sections 2, 3, and 4	F019	- Architecture - Interface Control Document - Concept of Operations
Configuration Management Documentation (ACM) - Configuration Management Plan - Configuration List - Configuration Management System	F001	- Configuration Management Plan - Configuration List
System Development Documentation - Functional Specification (ADV_FSP)	F004	- Functional Requirements Document
- High-level Design (ADV_HLD)	F005	- System Design Document
- Requirements Traceability (ADV_RCR)	F006	- Requirements Traceability Matrix
- Security Policy Model (ADV_SPM)	F007	- part of System Design Document
Guidance Documents - Administrator (AGD_ADM)	F008	- User Manual – Administrator
- User (AGD_USR)	F009	- User Manual – End User
Lifecycle Support Documentation - Development security documentation (ALC_DVS)	F023	- Information System Security Plan
- Flaw remediation procedures (ALC_FLR)	F024	- Information System Security Plan
Testing Documentation - Test coverage analysis (ATE_COV)	F010	- part of tests analysis report
- Test depth analysis (ATE_DPT)	F020	- part of test analysis report

CC Artifact	DID	FAA System Engineering Lifecycle Document
- Functional test plan, procedures, and results (ATE_FUN)	F011	- Test plan, test procedures, test results, and test analysis report
- Independent testing results (ATE_IND)	F012	- Test plan, test procedures, test results, and test analysis report
Vulnerability Assessment - Covert channel analysis (AVA_CCA) -	F022	- Risk assessment
Misuse analysis (AVA_MSU)	F021	- Risk assessment
- Strength of function analysis (AVA_SOF)	F013	- Risk assessment
- Vulnerability mitigation analysis (AVA_VLA)	F014	- Risk assessment
Assurance Maintenance Plan (AMA_AMP)	F015	- Maintenance Plan - Quality Assurance Plan
Component Categorization Report (AMA_CAT) - Prioritization of system components in terms of their relevance to security	F016	- part of Information System Security Plan
Assurance Evidence (AMA_EVD) - proof that procedures in AM plan are being followed - proof that vulnerabilities detected in the operational environment have been mitigated	F017	- proof that procedures in the QA and maintenance plans are being followed - proof that vulnerabilities detected in the operational environment have been mitigated
Security Impact Analysis (AMA_SIA)	F018	- Engineering Change Proposal
Delivery and Operation - Delivery procedures (ADV_DEL)	F002	- Implementation Plan
- Installation, generation, and start-up procedures (ADO_IGS)	F003	- Implementation Plan
		Contingency and Disaster Recovery Plan
		Site Survey Plan
		System Decommissioning and Disposal Plan
		Training Pan and Materials